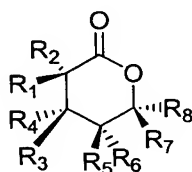
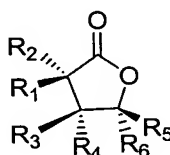
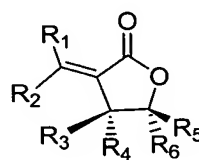


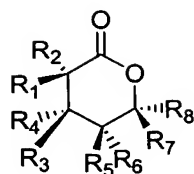
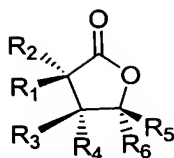
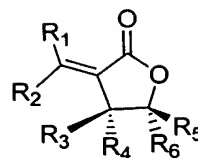
CLAIM(S)**What is claimed is :**

- 1.) A refrigerant composition comprising: (a) at least one fluorocarbon; (b) at least one oxygenated lubricant selected from the group consisting of polyol esters, polyalkylene glycols and polyvinyl ethers; (c) at least one non-oxygenated lubricant selected from the group consisting of paraffins, naphthenes, aromatics and poly- α -olefins; and (d) at least one compatibilizer comprising at least one lactone selected from the group represented by formulas I, II, and III:

**I****II****III**

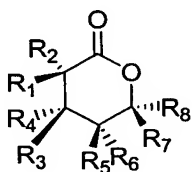
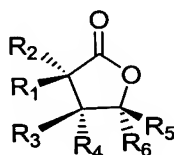
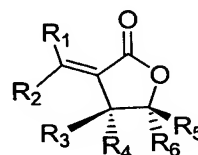
- wherein, R_1 through R_8 are independently selected from hydrogen, linear, branched, cyclic, bicyclic, saturated and unsaturated hydrocarbyl radicals; the carbon to ester functional group carbonyl oxygen ratio is from about 7 to about 15; and the molecular weight is from about 100 to about 300 atomic mass units.

- 2.) A method for replacing a first refrigerant composition comprising a chlorofluorocarbon and/or hydrochlorofluorocarbon and a non-oxygenated lubricant with a second refrigerant composition comprising a fluorocarbon and an oxygenated lubricant in a compression refrigeration system without removing residual non-oxygenated lubricant from said system, said method comprising: (a) removing essentially all said first composition from the system; (b) leaving residual non-oxygenated lubricant in said system following said removing; and (c) adding to said system said second composition and a compatibilizer, wherein said compatibilizer comprises at least one lactone selected from the group represented by formulas I, II, and III:

**I****II****III**

5 wherein, R_1 through R_8 are independently selected from hydrogen, linear, branched, cyclic, bicyclic, saturated and unsaturated hydrocarbyl radicals; the carbon to ester functional group carbonyl oxygen ratio is from about 7 to about 15; and the molecular weight is from about 100 to about 300 atomic mass units.

10 3.) A method for dissolving non-oxygenated lubricant in a fluorocarbon and oxygenated lubricant refrigerant composition in a compression refrigeration system wherein said non-oxygenated lubricant remains in said system following retrofit of said system from a first refrigerant composition comprising a chlorofluorocarbon or hydrochlorofluorocarbon and a non-
 15 oxygenated lubricant to a second refrigerant composition comprising a fluorocarbon and an oxygenated lubricant, said method comprising adding a compatibilizer to the system, wherein said compatibilizer comprises at least one lactone selected from the group represented by formulas I, II, and III:

**I****II****III**

20

25 wherein, R_1 through R_8 are independently selected from hydrogen, linear, branched, cyclic, bicyclic, saturated and unsaturated hydrocarbyl radicals; the carbon to ester functional group carbonyl oxygen ratio is from about 7 to about 15; and the molecular weight is from about 100 to about 300 atomic mass units.

4.) The method according to claim 2 or 3, wherein the non-oxygenated lubricant is selected from the group consisting of paraffins, naphthenes, aromatics and poly- α -olefins.

- 5 5.) The method according to claim 2 or 3 wherein the oxygenated lubricant is selected from the group consisting of polyol esters, polyalkylene glycols and polyvinyl ethers.